

EXHIBIT 2

[pg 2]

Mims Community Radio, Inc. (MCR)  
November, 1989

Name and location of institution or organization	type
1. Bethune-Cookman College, Daytona Beach	liberal arts
2. Spacecoast Ministry Institute of Titusville, FL; affiliate campus of Buffalo School of the Bible, Orchard Park, New York	religious
3. College Studies Series of Miami Christian University	religious
4. Warner Southern College, Lake Wales, FL	liberal arts
5. Florida Christian Academy, Mims, FL	private elementary
6. Titusville Christian School, Titusville, FL	private elementary
7. Park Ave Baptist School, Titusville, FL	private elementary
8. Astronaut High School, Titusville, FL	public senior high
9. Bethel Christian Academy, Cocoa, FL	private K-12 grade
10. Moody Broadcasting Network, Chicago, ILL	religious
11. Master's Learning and Resource Center, St. Cloud, FL	ed therapy
12. Spacecoast Philharmonic	fine arts
13. Polish National Alliance	cultural
14. Titusville Playhouse, Inc., Titusville, FL	performing arts
15. Storytellers of Brevard	performing arts
16. Maxwell C King Center for the Performing Arts	performing arts

The organizations and institutions above have provided responses that range from wanting broadcast time to promote their events by interview-style talk shows, to placing actual instructional material on the air for formal credit. It has also been requested that small production studios be placed in the organization(s) for "laboratory, hands on" training of students, of which MCR would fully cooperate.

EXHIBIT 3

Narrative of planned programming service ) FCC Form 340  
  ) Section IV; Item 5  
  ) Mims Community Radio, Inc. (MCR)  
  ) November, 1989

In the "Standards" [Appendix A to the NOI in Docket 78-164, 43 Federal Register 30842 (1978)] the Commission expressed that while light entertainment programming was permissible, organizational applicants must give primary emphasis to instructional and educational programming.

MCR plans little or no programming that would be classed in the category of light entertainment, involving those styles of music that are already provided by other stations.

Some types of music, however, are of cultural, ethnic, or regional nature, and, as ascertainment analysis provides, and at this point it does, there shall be broadcast Polka, German, and Polish music. Bluegrass and Southern Gospel, will likely have a place in the programming but more as "bumper" music between educational features.

There shall be Instructional programs.

There shall be Educational programs

There shall be interviews with representatives of community service organizations, advancing the goals of their interests.

There shall be broadcast, by tape, or live, the performing arts concerts of the public and private schools of the service area (cost to be borne by MCR). Selection of which concerts and events will be in coordination with the educators and the station.

There shall be broadcast sports events of area public and private schools when such broadcasts will involve the students themselves in announcing and production positions.

There shall be broadcast programs that address the needs and interests of women and minorities.

EXHIBIT 3

[pg 2]

Mims Community Radio, Inc. (MCR)  
November, 1989

In the interest of advancing broadcast journalism at area educational institutions, small audio production studios will be made available, for laboratory purposes, as interest dictates, and at no cost to the school(s).

The main studio facilities will be offered for "hands on laboratory" broadcast training by participating schools.

To advance the educational goals of the general community, MCR will develop a radio call-in discussion, produced by educators, for educators. This is a teacher/in-service presentation to offer counselling, consulting, problem sharing and problem solving. This permits the station to be used by educators, for educators problems, and thereby advances the over-all good of the community.

MCR shall broadcast, by tape or live, the city council meetings of the city of license, Oak Hill, Florida. (Under the Sunshine Law of Florida, permission is not needed).

MCR shall broadcast by tape recording, the pertinent school board meetings of Volusia and Brevard Counties. A pertinent meeting is defined as a meeting at which the agenda involves controversy or heightened community interest.

Programming shall include broadcasting donor announcements with a text that is permissible under current FCC rules. The donor acknowledgements shall not be designed to take the text into any gray area, but shall consist of only that which is clearly permissible in 47 CFR 73.503(d).

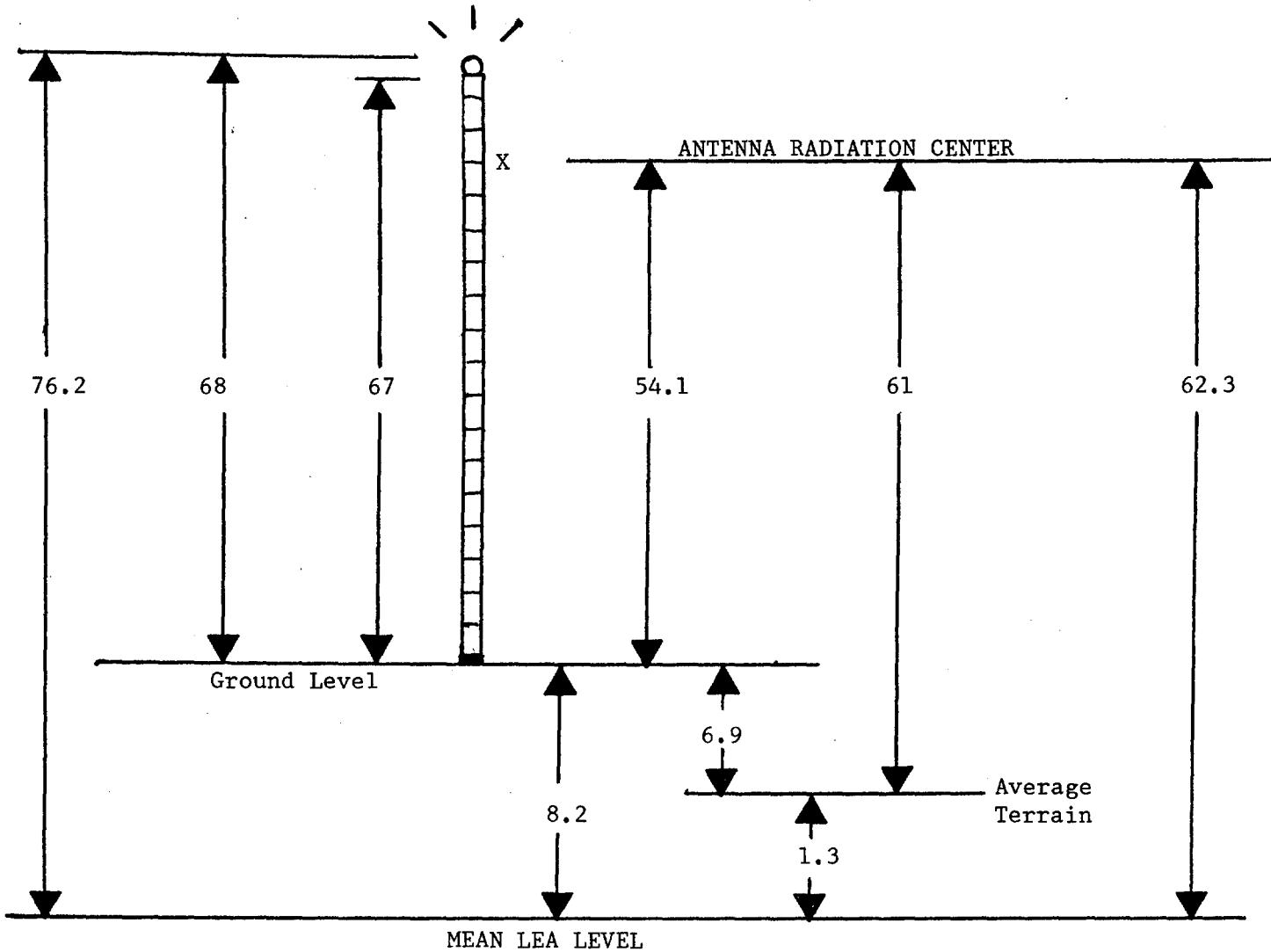
MCR, as a licensee, shall conduct its programming decisions in a way that is balanced (where controversial), and fair to the interests of each view or persuasion.

**EXHIBIT E-1**

Mims Community Radio, Inc.  
Channel 202 at Oak Hill, FL  
November, 1989

**VERTICAL PLAN**

-ALL FIGURES IN METERS  
-NOT DRAWN TO SCALE  
-EXISTING GUYED STEEL SKELETAL  
TOWER  
-NL 28-44-21 WL 80-53-01



**EXHIBIT E-2**

Mims Community Radio, Inc.  
Channel 202C1 at Oak Hill, FL  
November, 1989

FCC Form 340  
Section V-B; Item 12

Within 60 meters of the proposed antenna there are:

1. No proposed or authorized FM or TV transmitters
2. No nonbroadcast radio stations

Within the blanketing contour, there are:

1. No commercial or government receiving stations
2. No cable head-end facilities
3. Some rural style (meaning large lots and usually with some form of farm animal (horses, goats, cows)) dwelling places.

Within 10 kilometers of the proposed antenna there are:

1. No FM or TV transmitters (therefore no intermodulation interference)

The applicant accepts full responsibility for the elimination of any objectionable interference to facilities in existence or authorized, or to radio receivers in use prior to grant of this application.

With vertical polarization only, blanketing interference is expected to be lessened in many radios. The applicant will however, prior to equipment testing:

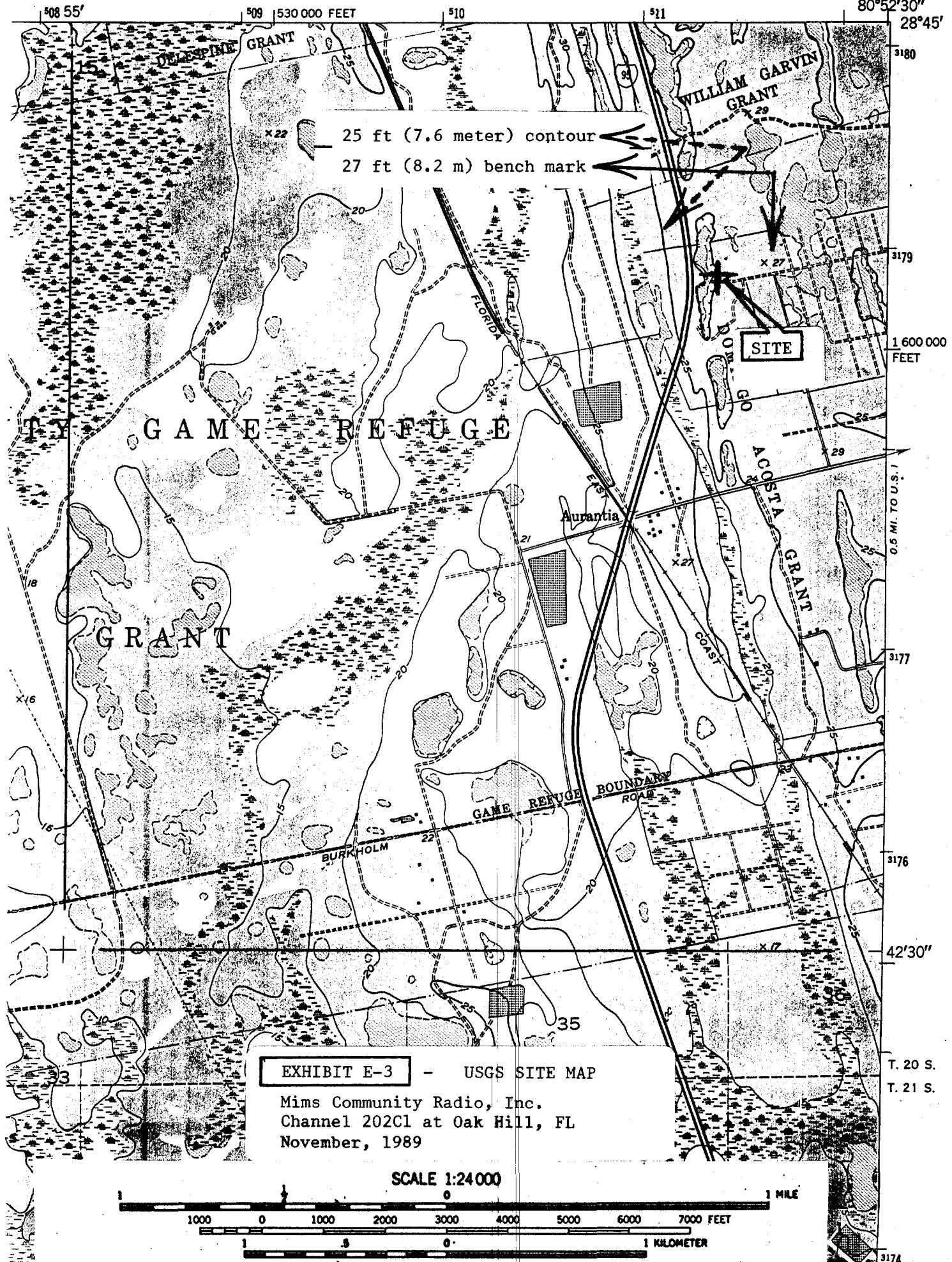
1. Notify retail electronics outlets that complaints may be forthcoming, and a number to call for removal (toll free)
2. Notify electronic repair shops in the area of possible forthcoming complaints, and a number to call (toll free)
3. Have on hand a supply of traps and filters for removal of the undesired FM signal.

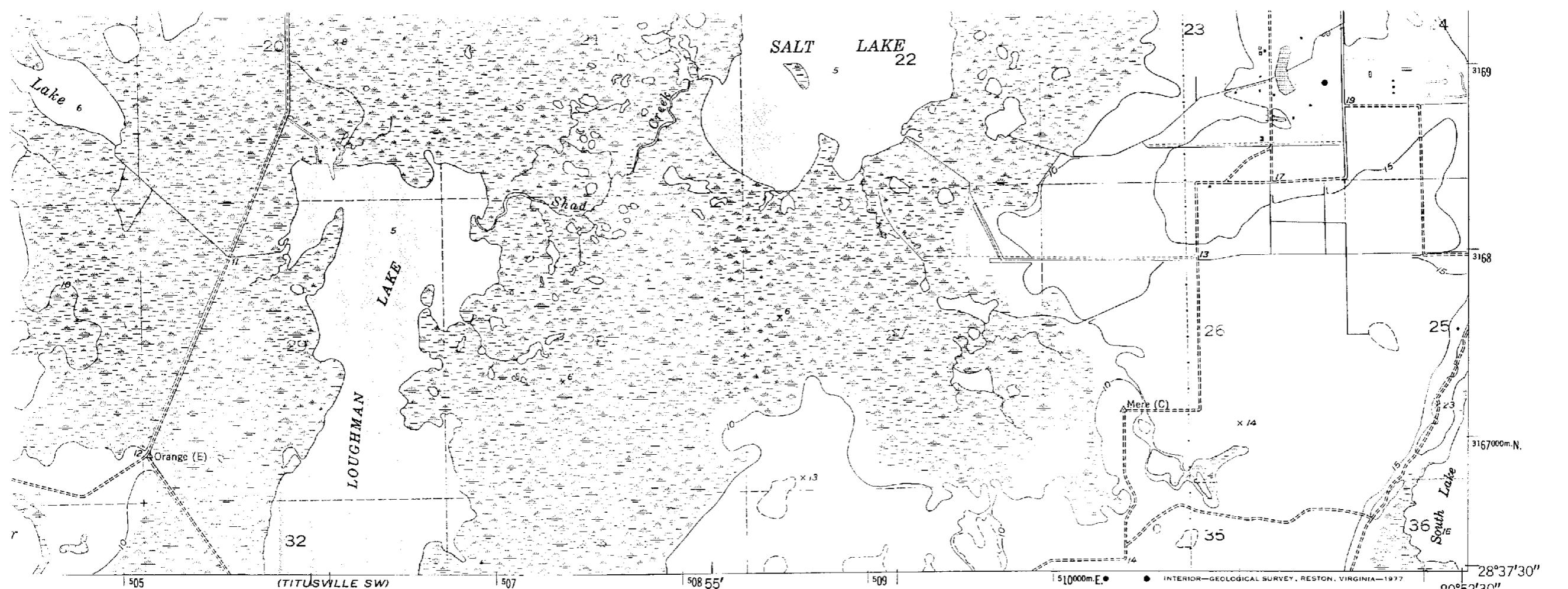
The applicant/permittee will absorb the cost, and not the complainant.

The blanketing contour will extend 3.5 km from the transmitter site.

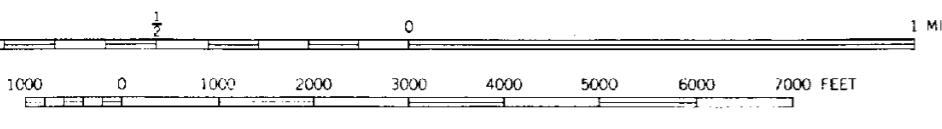
AURANTIA QUADRANGLE  
FLORIDA  
7.5 MINUTE SERIES (TOPOGRAPHIC)

4841 1/4 SE  
(OAK HILL)





SCALE 1:24000



CONTOUR INTERVAL 5 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

**EXHIBIT E-3**

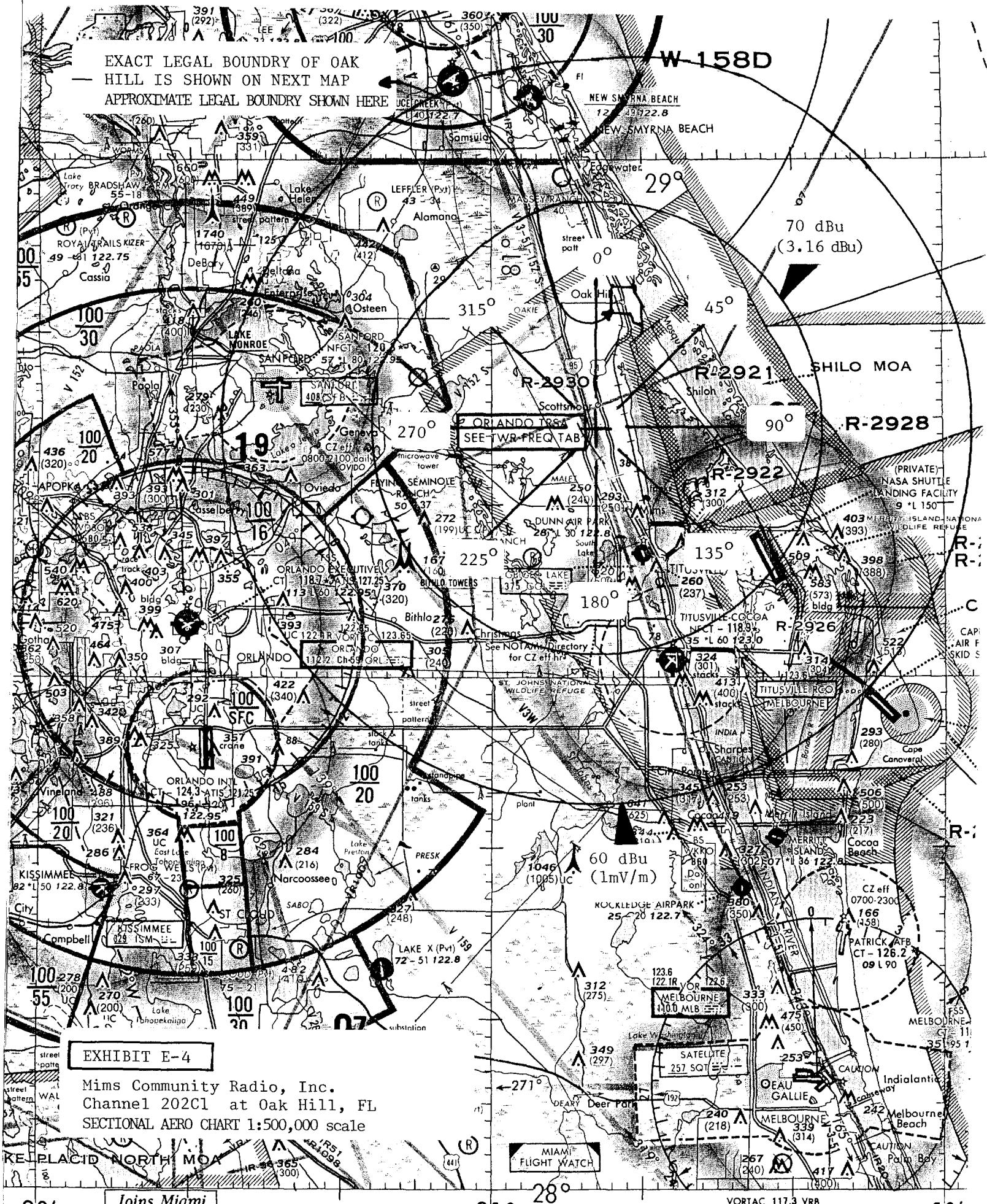
Contour Interval  
verification for  
Aurantia TOPO

Mims Community Radio - November, 1989

AURANTIA, FLA.  
N2837.5-W8052.5/7.5

1950  
PHOTOREVISED 1970  
AMS 4841 III NW-SERIES V847

EXACT LEGAL BOUNDY OF OAK  
HILL IS SHOWN ON NEXT MAP  
APPROXIMATE LEGAL BOUNDY SHOWN HERE

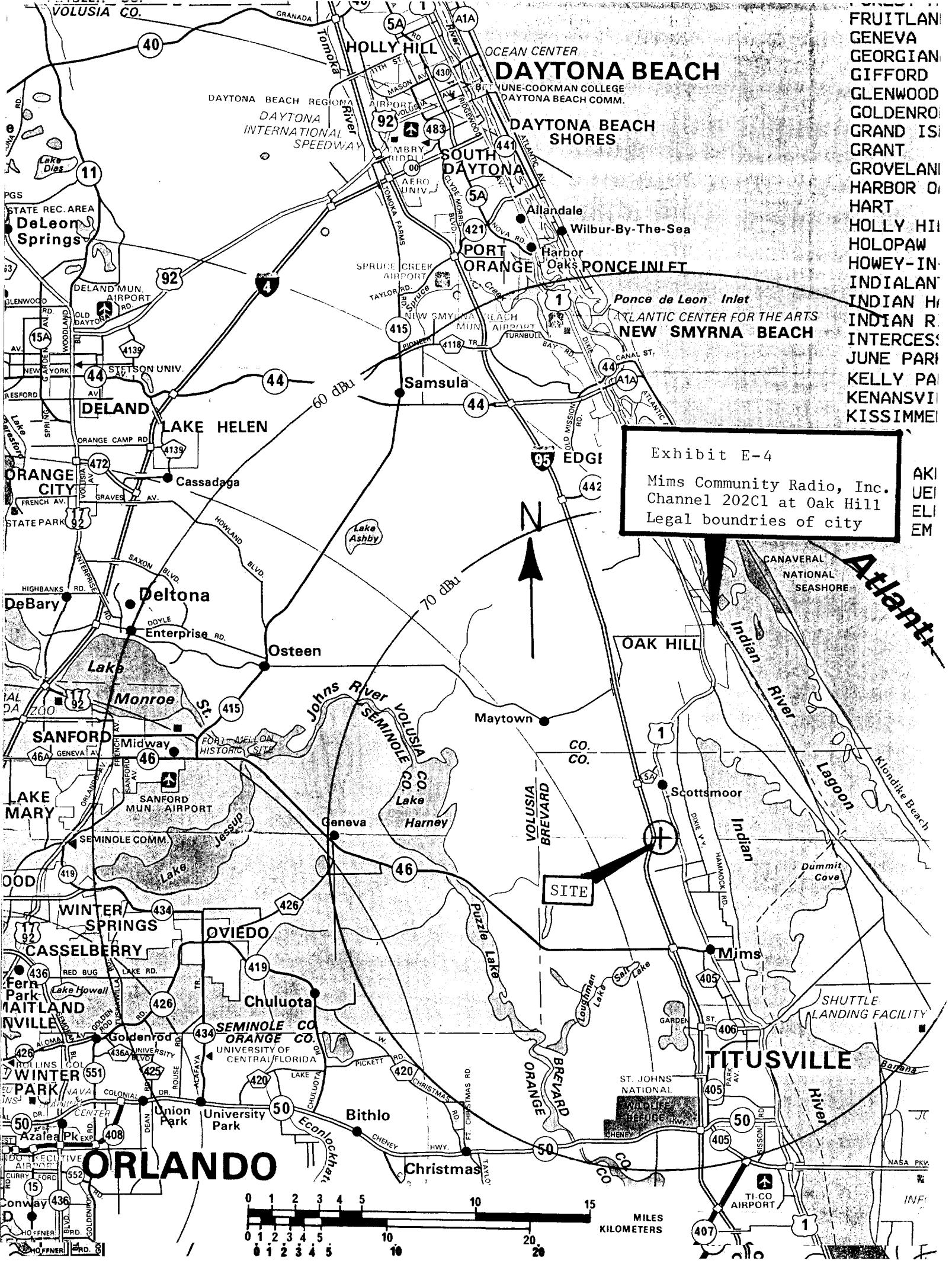


FRUITLAND  
GENEVA  
GEORGIAN  
GIFFORD  
GLENWOOD  
GOLDENROD  
GRAND ISLAND  
GRANT  
GROVELAND  
HARBOR CITY  
HART  
HOLLY HILL  
HOLOPAW  
HOWEY-IN-THE-SEA  
INDIALAND  
INDIAN HARBOR  
INDIAN RIVER  
INTERCESSOR  
JUNE PARK  
KELLY PARK  
KENANSVILLE  
KISSIMMEE

AKI  
UEI  
ELI  
EM

Exhibit E-4

Mims Community Radio, Inc.  
Channel 202C1 at Oak Hill  
Legal boundaries of city



**EXHIBIT E-5**

Mims Community Radio, Inc.  
Channel 202C1 at Oak Hill FL  
November, 1989

**DISCUSSION OF EXHIBIT E-5 - FM ALLOCATION**

The pages of this application titled Exhibit E-5 deal with the requirements of CFR 73.509 (protecting other stations and proposals).

Following this discussion is the engineering study examining the pertinent data about other FM stations and proposals.

The maps included in this exhibit (E-5) deal with information requested in FCC Form 340 Section V-B Item 21, (a),(d),(e), and (d).

Concerning the computer data-base interference study:

1. While the tabulation shows the proposal of this applicant to be "short" to WCPX TV Six, this "shortness" is referring to Table A of 47 CFR 73.525. It is showing that there is one affected TV Six relating to this proposal, and it is WCPX. Protection to WCPX is provided by other governing rules in 73.525, and complete compliance to these rules is detailed in Exhibit E-6 of this application.
2. While the tabulation shows the proposal "short" to two new proposals:

-BPED-881207MA  
-ARN-890412MJ

Neither application has been cut-off. BPED-881207MA is on Cut-off list A-183, released October 24, 1989; cut-off date November 28, 1989. This application is therefore timely filed.

3. Those stations or proposals close enough to warrant study (but do not create prohibited overlap) are:  
  
-NEW ARN 890523MG Channel 202A at Lecanto FL  
-NEW BPED 881101MA Channel 203A at Palm Bay FL  
-WTLG BLED-890302KW Ch 202C2 at Starke FL
4. Winter Park High School operates a Class D (secondary) facility on Channel 205D ; though close in spacing, is not mapped for further study.

## FM Interference study

Title: Oak Hill Ch 202C1 1189 Latitude: 28-44-21  
Channel 202C1 ( 88.3 MHz) ERP: 80 kW; EAH: 61 m Longitude: 80-53-01  
Database: DW 11/15/89 Safety zone: 100 km

Call	Auth	Licensee name	Chan	ERP-kW	Latitude	Br-to	Dist.	Req.
City of License		St FCC File no.	Freq	EAH-m	Longitude	-from	(km)	(km)
WCPX-TV	LIC	FIRST MEDIA CORP	6	100DA	28-36-08	233.4	25.53	196.8
ORLANDO		FL	85.0	445	81-05-37	53.3	-171	SHORT
Proposed F(50,10) 50.7 dBu = 81.39 km; WCPX-TV F(50,50) 47 dBu = 115.4 km								
W06BE	CP	CAROL E. SCHATZ	6	.13DA	27-56-50	240.7	177.7	108.8
TAMPA		FL	85.0	144	82-27-35	59.9	68.92	CLEAR
Proposed F(50,10) 50.7 dBu = 81.39 km; W06BE F(50,50) 47 dBu = 27.41 km								
W06BA	CP	CAROL E. SCHATZ	6	.10DA	30-16-34	339.1	182.7	114.3
JACKSONVILLE		FL	85.0	239	81-33-53	158.7	68.37	CLEAR
Proposed F(50,10) 50.7 dBu = 81.39 km; W06BA F(50,50) 47 dBu = 32.95 km								
WHIJ	CP	MARION COMMUNITY RADIO I	*201A	1.26	29-14-17	295.0	132.7	89.93
OCALA		FL BPED-870922MR	88.1	120	82-07-17	114.4	42.76	CLEAR
CP Granted 12/12/88; Call Granted 03/30/89								
Proposed F(50,10) 54 dBu = 68.34 km; WHIJ F(50,50) 60 dBu = 21.59 km								
Proposed F(50,50) 60 dBu = 40.52 km; WHIJ F(50,10) 54 dBu = 31.97 km								
WNCM	CP	NEW COVENANT MINISTRIES	*201A	1	30-16-34	339.1	182.7	90.87
JACKSONVILLE		FL BPED-880809IF	88.1	149	81-33-53	158.7	91.84	CLEAR
CP Granted 12/01/88								
Proposed F(50,10) 54 dBu = 68.34 km; WNCM F(50,50) 60 dBu = 22.53 km								
Proposed F(50,50) 60 dBu = 40.52 km; WNCM F(50,10) 54 dBu = 33.56 km								
WNCM	LIC	NEW COVENANT MINISTRIES	*201A	1	30-16-36	339.1	182.8	90.89
JACKSONVILLE		FL BLED-840307AB	88.1	149	81-33-57	158.7	91.92	CLEAR
Proposed F(50,10) 54 dBu = 68.34 km; WNCM F(50,50) 60 dBu = 22.55 km								
Proposed F(50,50) 60 dBu = 40.52 km; WNCM F(50,10) 54 dBu = 33.60 km								
NEW	APC	CENTRAL FLORIDA ED FOUND	*202C2	1.90	28-36-08	233.4	25.53	162.8
UNION PARK		FL BPED-881207MA	88.3	183	81-05-37	53.3	-137	SHORT
Cut-off 11/28/89 A183								
Proposed F(50,10) 40 dBu = 134.3 km; NEW F(50,50) 60 dBu = 28.52 km								
Proposed F(50,50) 60 dBu = 40.52 km; NEW F(50,10) 40 dBu = 82.00 km								
NEW	APP	BIBLE BROADCASTING NETWO	*202C2	1.90	28-34-51	226.8	25.69	170.5
CONWAY		FL 890412MJ	88.3	300	81-04-32	46.7	-145	SHORT
Proposed F(50,10) 40 dBu = 134.3 km; NEW F(50,50) 60 dBu = 36.19 km								
Proposed F(50,50) 60 dBu = 40.52 km; NEW F(50,10) 40 dBu = 94.75 km								
NEW	APP	BISHOP OF SAINT PETERSBU	*202A	3.80	28-52-55	276.1	161.0	157.1
LECANTO		FL 890523MG	88.3	79	82-31-30	95.3	3.900	CLOSE
Proposed F(50,10) 40 dBu = 134.3 km; NEW F(50,50) 60 dBu = 22.83 km								
Proposed F(50,50) 60 dBu = 40.52 km; NEW F(50,10) 40 dBu = 75.48 km								
WTLG	LIC	STARKE CHRISTIAN-EDUC RA	*202C2	7	29-54-34	318.1	175.5	161.7
STARKE		FL BLED-890302KA	88.3	87	82-06-02	137.5	13.81	CLOSE
Proposed F(50,10) 40 dBu = 134.3 km; WTLG F(50,50) 60 dBu = 27.40 km								
Proposed F(50,50) 60 dBu = 40.52 km; WTLG F(50,10) 40 dBu = 86.86 km								

**EXHIBIT E-5** - Mims Community Radio, Inc. Ch 202C1 at Oak Hill, FL  
FM Interference Study November, 1989

## FM Interference study

Title: Oak Hill Ch 202C1 1189 Latitude: 28-44-21  
Channel 202C1 ( 88.3 MHz) ERP: 80 kw; EAH: 61 m Longitude: 80-53-01

>> End of channel 202C1 study <<

**EXHIBIT E-5**

Mims Community Radio, Inc.  
Channel 202C1 at Oak Hill, FL  
November, 1989

S E R V I C E   C O N T O U R S      K M

<u>Bearing</u>	HAAT (m)	60dBu		70dBu		40dBu		54dBu		80dBu		100dBu	
		50/50		50/10		50/10		50/10		50/10		50/10	
0°	59.6	39.5	23.9	134	68	13.5	4						
45°	62.3	40.2	24.4	134.5	68.7	13.7	4						
90°	62.3	40.2	24.4	134.5	68.7	13.7	4						
135°	61.7	40.1	24.3	134.4	68.5	13.6	4						
180°	61.5	40	24.2	134.4	68.5	13.6	4						
225°	62.3	40.2	24.4	134.5	68.7	13.7	4						
270°	61.8	40.1	24.3	134.4	68.6	13.7	4						
315°	56.2	38.6	23.2	133.3	67	13	3.8						

AVERAGE HAAT: 61 meters

## EXHIBIT E-5

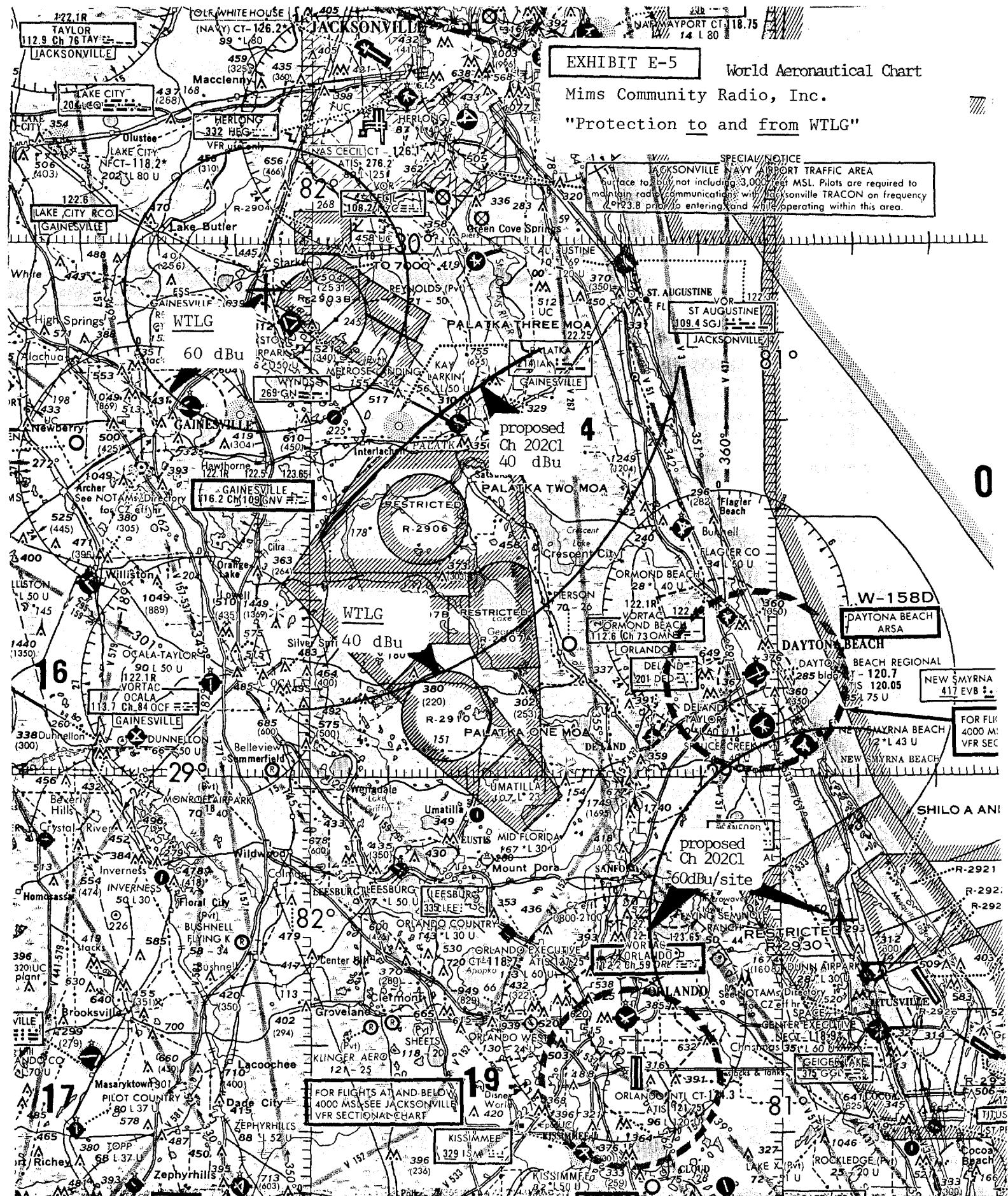
World Aeronautical Chart

Mims Community Radio, Inc.

"Protection to and from WTLG"

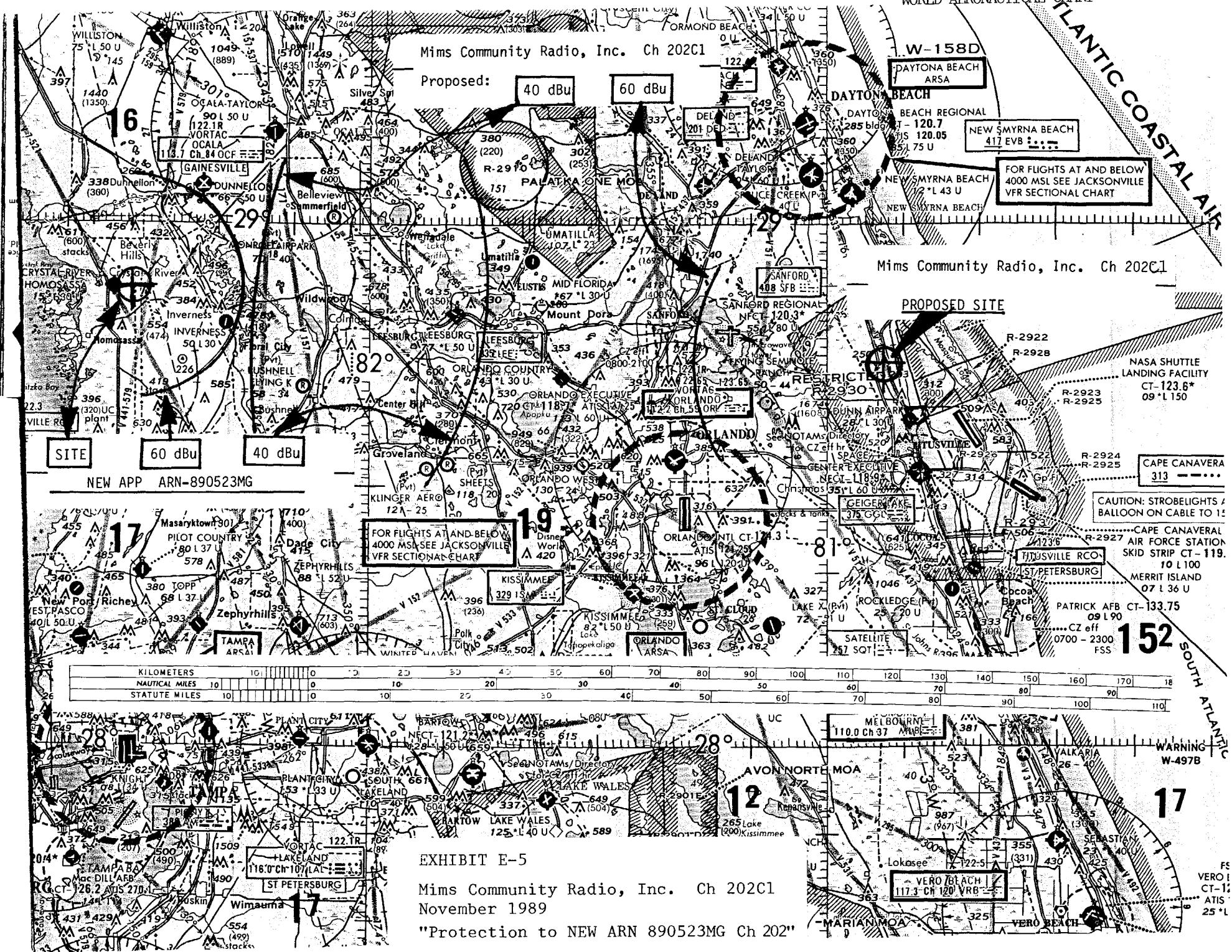
## SPECIAL NOTICE

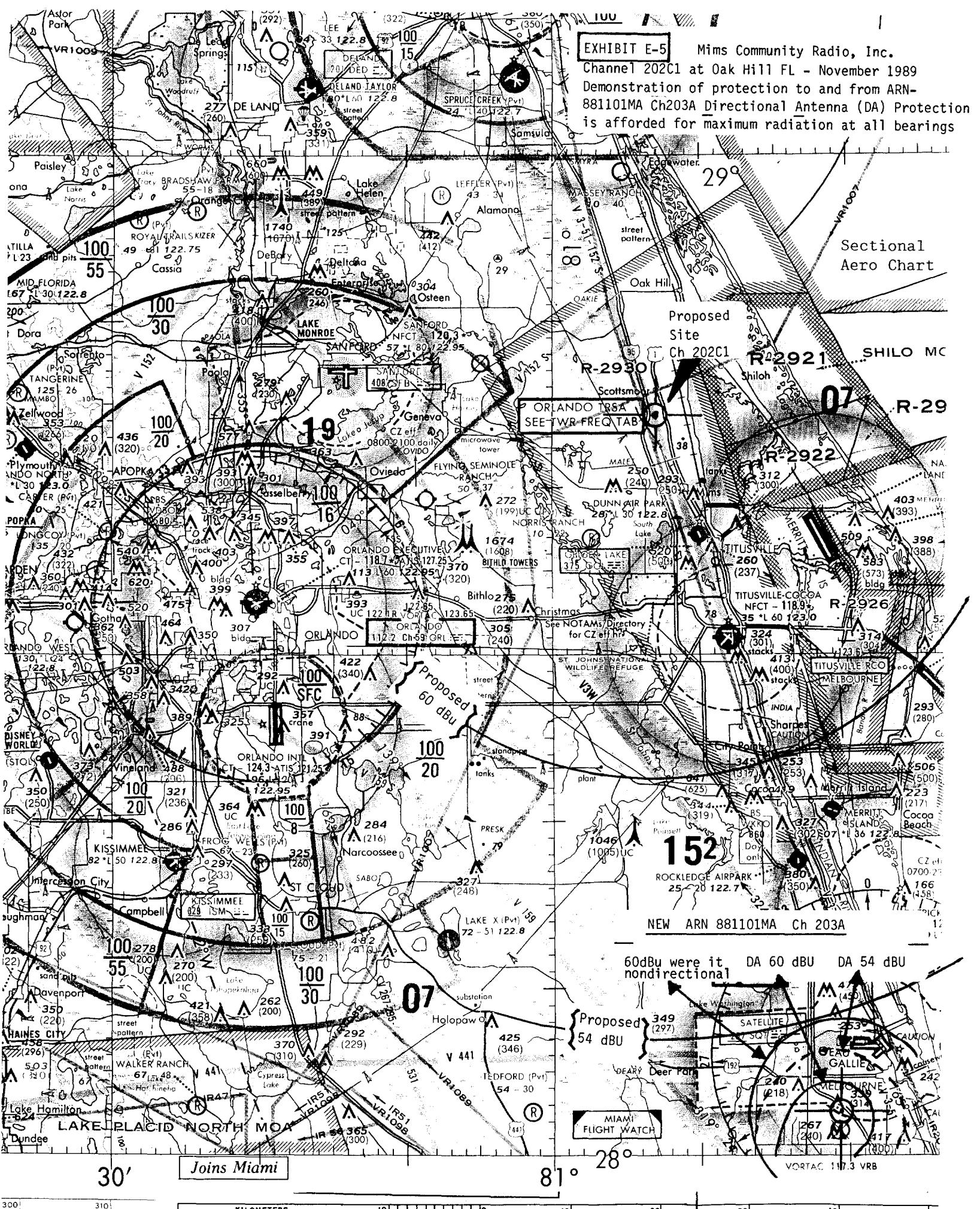
JACKSONVILLE NAVY AIRPORT TRAFFIC AREA  
 surface to 2000 feet not including 3,000 feet MSL. Pilots are required to  
 maintain radio communications with Jacksonville TRACON on frequency  
 123.8 prior to entering and while operating within this area.



WORLD AERONAUTICAL CHART

ATLANTIC COASTAL AIR





TIME OF USE*	CONTROLLING AGENCY	MILEAGE 2R	100 AGL TO BUT NOT INCL 8000	INT 0700-2300 MON-FRI	ZJX CNTR
INTERMITTENT	71X CNTR				
100 AGL TO 10.000					

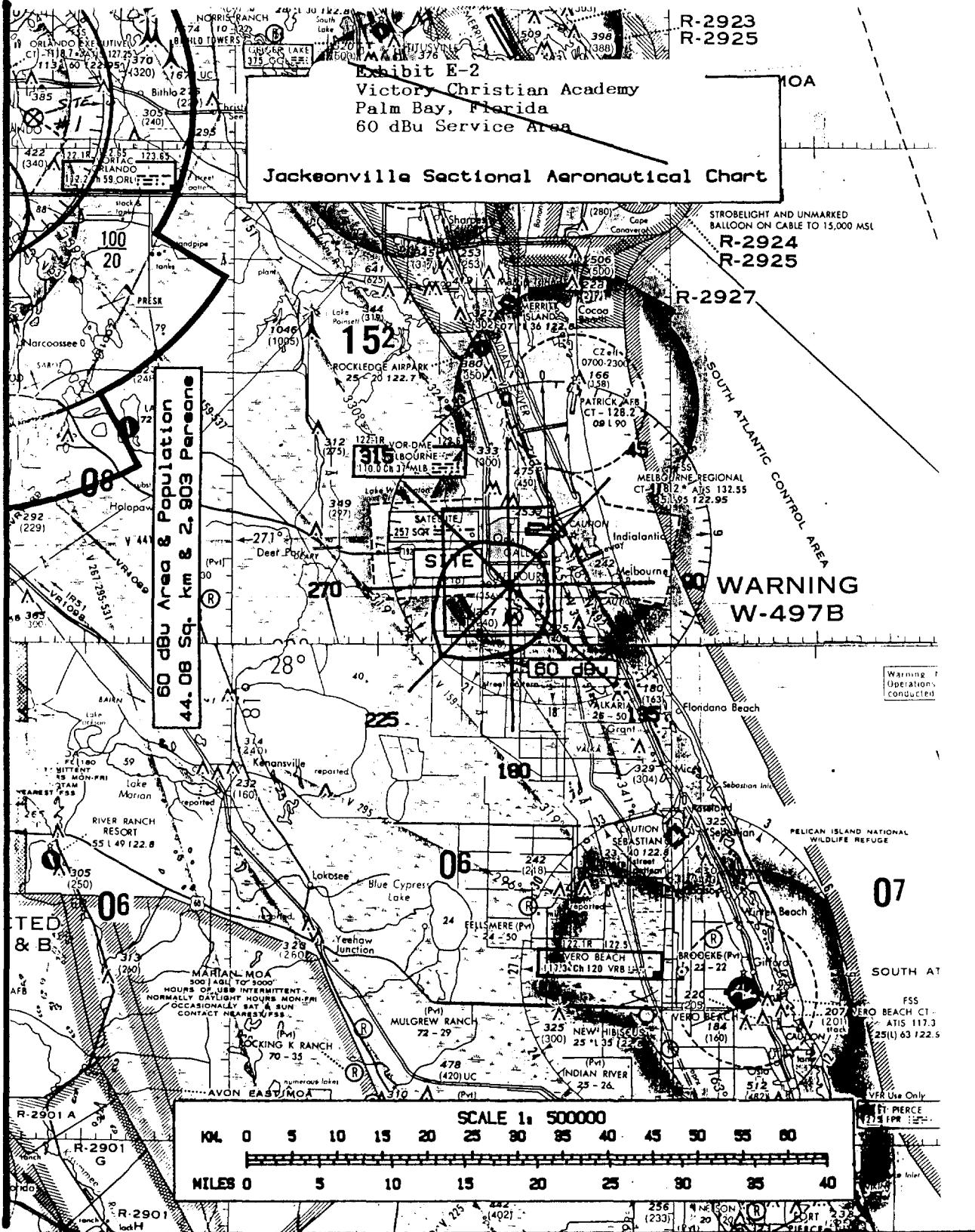


EXHIBIT E-5

MIMS COMMUNITY RADIO, INC.

NOVEMBER 1989

The photo-reduced map above is lifted from  
NEW ARN 881101MA - Channel 203A DA (directional  
antenna). It is to confirm the orientation  
of the directional pattern of the NEW  
proposal (cut-off list A-183; Cut-off date:  
November 28, 1989

**EXHIBIT E-5a**

Mims Community Radio, Inc.  
Channel 202 C1 (vertical pol. only)  
November, 1989

As shown in the tabulation below, all facilities or proposed facilities that are 53 or 54 channels removed, are located more distant than required. The distance for this applicant's Class (C1) to that of a full Class C must be at least 48 km. The nearest I.F. related station is 52.46 and it is amending to but a Class C2-more than providing for this applicant's proposed facility.

Channel 202C1 (88.3 MHz); ERP: 80KW; HAAT: 61 meters

Latitude: 28-44-21; Longitude: 80-53-01

<u>Facility</u>	<u>Class</u>	<u>Coordinates</u>	<u>Actual Distance</u>
WURG Orlando, FL BPH-860507NS (changing to Class C2 DOC-87-305)	255A	28-33-17 81-22-40	52.46 km
WURG Orlando FL BMPH-880920IG per D88-386	255C2	28-32-23 81-22-46	53.28 km
ALLOCATION, Orlando FL D88-386	255C2	28-33-00 81-25-30	56.93 km
WWOJ Avon Park, FL DOC-87-455	256A	27-35-48 81-30-54	141 km

**EXHIBIT E-6**

Mims Community Radio, Inc.  
Channel 202C1 at Oak Hill, FL  
November 1989

**PROTECTION TO TELEVISION CHANNEL SIX**

**WCPX - ORLANDO**

**CFR 73.525**

**DISCUSSION OF**

E-6

The purpose of this exhibit is to

1. determine the interference area
2. determine the number of residents in that area

In choosing the vertical polarity option of CFR 73.525(e)(i), the interference area is calculated without adjustment for receiver directivity. The 80KW vertical only ERP level, requires that a horizontal power level 1/40 as strong, must cause predicted interference to no more than 3000 persons. Therefore, a facility proposing 2KW (61 m HAAT) must be shown to fit.

The area of interference lies completely outside the legal boundaries of a city of 50,000 persons or more, which permits the vertical option to go to 40 times the otherwise permitted horizontal.

Population in the interference area was determined by two methods:

1. computer data-base driven population count of the interference area
2. Using a polar planimeter to determine the per cent affected of the applicable census tract.

The computer data-base driven population count used a 1986 update, and calculated that 1,857 persons were predicted to receive interference.

This was checked against data supplied by the Brevard County Office of Cartography. That office yielded census information that shows a 1985 census value, and a 1990 census prediction. By tracing a polar planimeter along the boundaries of the affected census tract (CT 601), it is found that interference is predicted to be caused to 30% of the tract, or 1836 persons.

**EXHIBIT E-6**

Mims Community Radio  
Channel 202C1 at Oak Hill, FL  
November, 1989

**PROTECTION TO TELEVISION CHANNEL SIX**

**DISCUSSION pg2**

Exhibit E-6 will document this discussion that is introducing it. It will be shown that the proposal is in compliance with the rules regarding protecting TV Six (WCPX).

The exhibit takes into account that the coming 1990 census should be under consideration for interference purposes. That census not yet taken, the 1990 predicted value (predicted by the County), is also made a part of the study. Officers and county planners, predict that census tract 601 will have 7,367 persons residing in it. The then predicted interference count rises to 2,210 persons-well below the 3000 permitted in 73.525.

- - - - -

While this applicant's proposal is in compliance with the governing rules set forth in 73.525, allowing some interference to be caused, the applicant will not ignor the complaintants.

Any concern that WCPX may have over potential lost viewers, can be lessened by the fact that the applicant will, first, in the interest of public relations, and second, in the interest of having a healthy relationship with WCPX TV...

**REMOVE ANY OBJECTIONABLE INTERFERENCE TO WCPX VIEWER  
RECEPTION AT NO COST TO THE COMPLAINTANT.**

**Exhibit E-6**

Compliance with FCC 73.525

Mims Community Radio, Inc.  
Channel 202 at Oak Hill, FL  
November, 1989

AREA OF INTERFERENCE (square km): 73.9

TOTAL POPULATION (1980 Census): 1,404

TOTAL POPULATION (1986 Update): 1,857

Reference Coordinates: 28-44-21 80-53-01

Reference power (Horizontal polarization) 2.0KW

Reference height of radiatin center above sea level 62.3 m

**BEARING AND DISTANCE TO AREA OF INTERFERENCE**

bear.	Dist.		
(deg)	(km)	135.0	5.0
.0	5.2	140.0	4.9
5.0	5.3	145.0	4.8
10.0	5.4	150.0	4.7
15.0	5.4	155.0	4.6
20.0	5.5	160.0	4.6
25.0	5.6	165.0	4.5
30.0	5.6	170.0	4.4
35.0	5.6	175.0	4.4
40.0	5.7	180.0	4.3
45.0	5.7	185.0	4.3
50.0	5.7	190.0	4.2
55.0	5.7	195.0	4.2
60.0	5.7	200.0	4.1
65.0	5.7	205.0	4.1
70.0	5.7	210.0	4.1
75.0	5.7	215.0	4.1
80.0	5.6	220.0	4.1
85.0	5.6	225.0	4.1
90.0	5.5	230.0	4.1
95.0	5.5	235.0	4.1
100.0	5.4	240.0	4.1
105.0	5.4	245.0	4.1
110.0	5.3	250.0	4.1
115.0	5.3	255.0	4.1
120.0	5.2	260.0	4.1
125.0	5.1	265.0	4.1
130.0	5.0	270.0	4.2
		275.0	4.2
		280.0	4.2
		285.0	4.2
		290.0	4.3
		295.0	4.3
		300.0	4.4
		305.0	4.4
		310.0	4.4
		315.0	4.5
		320.0	4.6
		325.0	4.6
		330.0	4.7
		335.0	4.8
		340.0	4.9
		345.0	5.0
		350.0	5.1
		355.0	5.2

## EXHIBIT E-6

Mims Community Radio, Inc. at Oak Hill, FL  
 CFR 73.525 - Protection to tv 6  
 Tabulation of interference area November 1989

Interference  
 ---Site---  
 Lat 28-44-21  
 Lon 80-53-01

- - - WCPX Channel 6 - - - - -  
 center radiation: 445 m AAT  
 Latitude: 28-36-08  
 Longitude: 81-05-37

- - - Proposed Ch. 202 - - - - -  
 center radiation: 61 m AAT  
 Latitude: 28-44-21  
 Longitude: 80-53-01

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
.0	5.2	45.0	28.9	452	100	85.0	-4.7	.0	5.24	59.1	2.00	80.3
1.0	5.3	45.1	29.0	452	100	85.0	-4.7	1.0	5.25	59.2	2.00	80.3
2.0	5.3	45.2	29.1	452	100	85.0	-4.7	2.0	5.27	59.2	2.00	80.2
3.0	5.3	45.3	29.2	452	100	84.9	-4.7	3.0	5.28	59.3	2.00	80.2
4.0	5.3	45.4	29.2	452	100	84.9	-4.7	4.0	5.30	59.3	2.00	80.2
5.0	5.3	45.5	29.3	452	100	84.8	-4.7	5.0	5.31	59.4	2.00	80.1
6.0	5.3	45.6	29.4	452	100	84.8	-4.7	6.0	5.33	59.5	2.00	80.1
7.0	5.3	45.8	29.5	452	100	84.7	-4.7	7.0	5.34	59.5	2.00	80.1
8.0	5.4	45.9	29.5	452	100	84.7	-4.7	8.0	5.35	59.6	2.00	80.0
9.0	5.4	46.0	29.6	452	100	84.7	-4.7	9.0	5.37	59.6	2.00	80.0
10.0	5.4	46.1	29.7	452	100	84.6	-4.7	10.0	5.38	59.7	2.00	79.9
11.0	5.4	46.3	29.7	452	100	84.6	-4.7	11.0	5.39	59.8	2.00	79.9
12.0	5.4	46.4	29.8	452	100	84.5	-4.7	12.0	5.41	59.8	2.00	79.9
13.0	5.4	46.5	29.9	452	100	84.5	-4.7	13.0	5.42	59.9	2.00	79.8
14.0	5.4	46.7	29.9	452	100	84.5	-4.6	14.0	5.43	60.0	2.00	79.8
15.0	5.4	46.8	30.0	452	100	84.4	-4.6	15.0	5.44	60.0	2.00	79.8
16.0	5.5	47.0	30.0	452	100	84.4	-4.6	16.0	5.46	60.1	2.00	79.7
17.0	5.5	47.1	30.1	452	100	84.4	-4.6	17.0	5.47	60.1	2.00	79.7
18.0	5.5	47.3	30.2	452	100	84.3	-4.6	18.0	5.48	60.2	2.00	79.7
19.0	5.5	47.4	30.2	452	100	84.3	-4.6	19.0	5.49	60.3	2.00	79.7
20.0	5.5	47.6	30.3	452	100	84.3	-4.6	20.0	5.50	60.3	2.00	79.6
21.0	5.5	47.7	30.3	452	100	84.2	-4.6	21.0	5.51	60.4	2.00	79.6
22.0	5.5	47.9	30.4	452	100	84.2	-4.6	22.0	5.52	60.5	2.00	79.6
23.0	5.5	48.0	30.4	452	100	84.2	-4.6	23.0	5.53	60.5	2.00	79.6
24.0	5.5	48.2	30.5	452	100	84.1	-4.6	24.0	5.55	60.6	2.00	79.5
25.0	5.6	48.3	30.5	452	100	84.1	-4.6	25.0	5.56	60.6	2.00	79.5
26.0	5.6	48.5	30.6	452	100	84.1	-4.6	26.0	5.57	60.7	2.00	79.5
27.0	5.6	48.7	30.6	452	100	84.1	-4.6	27.0	5.58	60.8	2.00	79.4
28.0	5.6	48.8	30.7	452	100	84.0	-4.6	28.0	5.59	60.8	2.00	79.4
29.0	5.6	49.0	30.7	452	100	84.0	-4.6	29.0	5.59	60.9	2.00	79.4
30.0	5.6	49.2	30.7	452	100	84.0	-4.6	30.0	5.60	60.9	2.00	79.4
31.0	5.6	49.3	30.8	452	100	84.0	-4.6	31.0	5.61	61	2.00	79.4
32.0	5.6	49.5	30.8	452	100	83.9	-4.6	32.0	5.62	61.1	2.00	79.3
33.0	5.6	49.7	30.9	452	100	83.9	-4.6	33.0	5.63	61.1	2.00	79.3
34.0	5.6	49.8	30.9	452	100	83.9	-4.6	34.0	5.63	61.2	2.00	79.3
35.0	5.6	50.0	30.9	452	100	83.9	-4.6	35.0	5.64	61.3	2.00	79.3
36.0	5.6	50.2	31.0	452	100	83.9	-4.6	36.0	5.64	61.3	2.00	79.3
37.0	5.7	50.4	31.0	452	100	83.9	-4.6	37.0	5.65	61.4	2.00	79.3
38.0	5.7	50.5	31.0	452	100	83.8	-4.6	38.0	5.66	61.4	2.00	79.2
39.0	5.7	50.7	31.0	452	100	83.8	-4.6	39.0	5.66	61.5	2.00	79.2
40.0	5.7	50.9	31.1	452	100	83.8	-4.6	40.0	5.67	61.6	2.00	79.2
41.0	5.7	51.1	31.1	452	100	83.8	-4.6	41.0	5.68	61.6	2.00	79.2
42.0	5.7	51.2	31.1	452	100	83.8	-4.6	42.0	5.68	61.7	2.00	79.2
43.0	5.7	51.4	31.1	452	100	83.8	-4.6	43.0	5.69	61.8	2.00	79.2
44.0	5.7	51.6	31.2	452	100	83.8	-4.6	44.0	5.70	61.8	2.00	79.2

## EXHIBIT E-6

Mims Community Radio, Inc. at Oak Hill, FL  
 CFR 73.525 - Protection to tv 6  
 Tabulation of interference area November 1989

Interference		--- WCPX Channel 6 -----					--- Proposed Ch. 202 -----				
---Site-----		center radiation: 445 m AAT					center radiation: 61 m AAT				
Lat	Lon	Latitude:	Longitude:				Latitude:	Longitude:			
Bear.	Dist	Bear.	Dist	Haaat	ERP	F.S.	U/D	Bear.	Dist	Haaat	ERP
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)
45.0	5.7	51.8	31.2	452	100	83.7	-4.6	45.0	5.70	61.9	2.00
46.0	5.7	52.0	31.2	452	100	83.7	-4.6	46.0	5.70	61.9	2.00
47.0	5.7	52.1	31.2	452	100	83.7	-4.6	47.0	5.71	61.9	2.00
48.0	5.7	52.3	31.2	452	100	83.7	-4.6	48.0	5.71	61.9	2.00
49.0	5.7	52.5	31.2	452	100	83.7	-4.6	49.0	5.71	61.9	2.00
50.0	5.7	52.7	31.2	452	100	83.7	-4.6	50.0	5.71	61.9	2.00
51.0	5.7	52.9	31.2	452	100	83.7	-4.6	51.0	5.71	61.9	2.00
52.0	5.7	53.1	31.2	452	100	83.7	-4.6	52.0	5.71	61.9	2.00
53.0	5.7	53.2	31.2	452	100	83.7	-4.6	53.0	5.71	61.9	2.00
54.0	5.7	53.4	31.2	452	100	83.7	-4.6	54.0	5.71	61.9	2.00
55.0	5.7	53.6	31.2	452	100	83.7	-4.6	55.0	5.71	61.9	2.00
56.0	5.7	53.8	31.2	452	100	83.7	-4.6	56.0	5.71	61.9	2.00
57.0	5.7	54.0	31.2	452	100	83.7	-4.6	57.0	5.71	61.9	2.00
58.0	5.7	54.1	31.2	452	100	83.7	-4.6	58.0	5.71	61.9	2.00
59.0	5.7	54.3	31.2	452	100	83.7	-4.6	59.0	5.71	61.9	2.00
60.0	5.7	54.5	31.2	452	100	83.7	-4.6	60.0	5.71	61.9	2.00
61.0	5.7	54.7	31.2	452	100	83.7	-4.6	61.0	5.70	61.9	2.00
62.0	5.7	54.9	31.2	452	100	83.7	-4.6	62.0	5.70	61.9	2.00
63.0	5.7	55.1	31.2	452	100	83.7	-4.6	63.0	5.70	61.9	2.00
64.0	5.7	55.2	31.2	452	100	83.8	-4.6	64.0	5.70	61.9	2.00
65.0	5.7	55.4	31.1	452	100	83.8	-4.6	65.0	5.70	61.9	2.00
66.0	5.7	55.6	31.1	452	100	83.8	-4.6	66.0	5.69	61.9	2.00
67.0	5.7	55.8	31.1	452	100	83.8	-4.6	67.0	5.69	61.9	2.00
68.0	5.7	55.9	31.1	452	100	83.8	-4.6	68.0	5.68	61.9	2.00
69.0	5.7	56.1	31.1	452	100	83.8	-4.6	69.0	5.68	61.9	2.00
70.0	5.7	56.3	31.0	452	100	83.8	-4.6	70.0	5.68	61.9	2.00
71.0	5.7	56.5	31.0	452	100	83.8	-4.6	71.0	5.67	61.9	2.00
72.0	5.7	56.7	31.0	452	100	83.9	-4.6	72.0	5.67	61.9	2.00
73.0	5.7	56.8	30.9	452	100	83.9	-4.6	73.0	5.66	61.9	2.00
74.0	5.7	57.0	30.9	452	100	83.9	-4.6	74.0	5.66	61.9	2.00
75.0	5.7	57.2	30.9	452	100	83.9	-4.6	75.0	5.65	61.9	2.00
76.0	5.7	57.4	30.8	452	100	83.9	-4.6	76.0	5.65	61.9	2.00
77.0	5.6	57.5	30.8	452	100	84.0	-4.6	77.0	5.64	61.9	2.00
78.0	5.6	57.7	30.8	452	100	84.0	-4.6	78.0	5.63	61.9	2.00
79.0	5.6	57.9	30.7	452	100	84.0	-4.6	79.0	5.63	61.9	2.00
80.0	5.6	58.0	30.7	452	100	84.0	-4.6	80.0	5.63	61.9	2.00
81.0	5.6	58.2	30.6	452	100	84.1	-4.6	81.0	5.62	61.9	2.00
82.0	5.6	58.3	30.6	452	100	84.1	-4.6	82.0	5.62	61.9	2.00
83.0	5.6	58.5	30.5	452	100	84.1	-4.6	83.0	5.61	61.9	2.00
84.0	5.6	58.7	30.5	452	100	84.1	-4.6	84.0	5.60	61.9	2.00
85.0	5.6	58.8	30.5	452	100	84.2	-4.6	85.0	5.60	61.9	2.00
86.0	5.6	59.0	30.4	452	100	84.2	-4.6	86.0	5.59	61.9	2.00
87.0	5.6	59.1	30.4	452	100	84.2	-4.6	87.0	5.58	61.9	2.00
88.0	5.6	59.3	30.3	452	100	84.2	-4.6	88.0	5.57	61.9	2.00
89.0	5.6	59.5	30.2	452	100	84.3	-4.6	89.0	5.56	61.9	2.00

**EXHIBIT E-6**

Mims Community Radio, Inc. at Oak Hill, FL  
 CFR 73.525 - Protection to tv 6  
 Tabulation of interference area      November 1989

Interference  
 ---Site---  
 Lat 28-44-21  
 Lon 80-53-01

- - - WCPX Channel 6 - - - - -  
 center radiation: 445 m AAT  
 Latitude: 28-36-08  
 Longitude: 81-05-37

- - - Proposed Ch. 202 - - - - -  
 center radiation: 61 m AAT  
 Latitude: 28-44-21  
 Longitude: 80-53-01

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
90.0	5.5	59.6	30.2	452	100	84.3	-4.6	90.0	5.55	61.9	2.00	79.7
91.0	5.5	59.8	30.1	452	100	84.3	-4.6	91.0	5.54	61.9	2.00	79.7
92.0	5.5	59.9	30.1	452	100	84.4	-4.6	92.0	5.53	61.8	2.00	79.7
93.0	5.5	60.0	30.0	452	100	84.4	-4.6	93.0	5.52	61.8	2.00	79.8
94.0	5.5	60.2	30.0	452	100	84.4	-4.6	94.0	5.51	61.8	2.00	79.8
95.0	5.5	60.3	29.9	452	100	84.5	-4.6	95.0	5.50	61.8	2.00	79.8
96.0	5.5	60.5	29.8	452	100	84.5	-4.7	96.0	5.49	61.8	2.00	79.9
97.0	5.5	60.6	29.8	452	100	84.6	-4.7	97.0	5.48	61.8	2.00	79.9
98.0	5.5	60.7	29.7	452	100	84.6	-4.7	98.0	5.47	61.8	2.00	79.9
99.0	5.5	60.9	29.6	452	100	84.6	-4.7	99.0	5.46	61.8	2.00	80.0
100.0	5.4	61.0	29.6	452	100	84.7	-4.7	100.0	5.45	61.7	2.00	80.0
101.0	5.4	61.1	29.5	452	100	84.7	-4.7	101.0	5.43	61.7	2.00	80.0
102.0	5.4	61.3	29.4	452	100	84.8	-4.7	102.0	5.42	61.7	2.00	80.1
103.0	5.4	61.4	29.4	452	100	84.8	-4.7	103.0	5.41	61.7	2.00	80.1
104.0	5.4	61.5	29.3	452	100	84.8	-4.7	104.0	5.40	61.7	2.00	80.1
105.0	5.4	61.6	29.2	452	100	84.9	-4.7	105.0	5.39	61.7	2.00	80.2
106.0	5.4	61.7	29.1	452	100	84.9	-4.7	106.0	5.37	61.7	2.00	80.2
107.0	5.4	61.9	29.1	452	100	85.0	-4.7	107.0	5.36	61.7	2.00	80.3
108.0	5.4	62.0	29.0	452	100	85.0	-4.7	108.0	5.35	61.6	2.00	80.3
109.0	5.3	62.1	28.9	452	100	85.1	-4.7	109.0	5.33	61.6	2.00	80.4
110.0	5.3	62.2	28.8	452	100	85.1	-4.7	110.0	5.32	61.6	2.00	80.4
111.0	5.3	62.3	28.8	452	100	85.2	-4.7	111.0	5.31	61.6	2.00	80.4
112.0	5.3	62.4	28.7	452	100	85.2	-4.7	112.0	5.29	61.6	2.00	80.5
113.0	5.3	62.5	28.6	452	100	85.3	-4.7	113.0	5.28	61.6	2.00	80.5
114.0	5.3	62.6	28.5	452	100	85.3	-4.7	114.0	5.27	61.6	2.00	80.6
115.0	5.3	62.7	28.4	452	100	85.4	-4.7	115.0	5.25	61.6	2.00	80.6
116.0	5.2	62.8	28.4	452	100	85.4	-4.7	116.0	5.24	61.5	2.00	80.7
117.0	5.2	62.8	28.3	452	100	85.5	-4.7	117.0	5.22	61.5	2.00	80.7
118.0	5.2	62.9	28.2	452	100	85.5	-4.8	118.0	5.21	61.5	2.00	80.7
119.0	5.2	63.0	28.1	452	100	85.6	-4.8	119.0	5.21	61.5	2.00	80.8
120.0	5.2	63.1	28.0	452	100	85.6	-4.8	120.0	5.19	61.5	2.00	80.8
121.0	5.2	63.2	27.9	452	100	85.7	-4.8	121.0	5.18	61.5	2.00	80.9
122.0	5.2	63.2	27.9	452	100	85.7	-4.8	122.0	5.16	61.5	2.00	80.9
123.0	5.1	63.3	27.8	452	100	85.8	-4.8	123.0	5.15	61.4	2.00	81.0
124.0	5.1	63.4	27.7	452	100	85.8	-4.8	124.0	5.13	61.4	2.00	81.0
125.0	5.1	63.5	27.6	452	100	85.9	-4.8	125.0	5.12	61.4	2.00	81.1
126.0	5.1	63.5	27.5	452	100	85.9	-4.8	126.0	5.10	61.4	2.00	81.1
127.0	5.1	63.6	27.4	452	100	86.0	-4.8	127.0	5.09	61.4	2.00	81.2
128.0	5.1	63.6	27.3	452	100	86.1	-4.8	128.0	5.07	61.4	2.00	81.2
129.0	5.1	63.7	27.3	452	100	86.1	-4.8	129.0	5.06	61.4	2.00	81.3
130.0	5.0	63.7	27.2	452	100	86.2	-4.8	130.0	5.04	61.4	2.00	81.3
131.0	5.0	63.8	27.1	452	100	86.2	-4.8	131.0	5.02	61.3	2.00	81.4
132.0	5.0	63.8	27.0	452	100	86.3	-4.8	132.0	5	61.3	2.00	81.4
133.0	5.0	63.8	26.9	452	100	86.3	-4.8	133.0	4.99	61.3	2.00	81.5
134.0	5.0	63.9	26.8	452	100	86.4	-4.8	134.0	4.98	61.3	2.00	81.5

## EXHIBIT E-6

Mims Community Radio, Inc. at Oak Hill, FL  
 CFR 73.525 - Protection to tv 6  
 Tabulation of interference area November 1989

Interference	--- WCPX Channel 6 ---					--- Proposed Ch. 202 ---				
---Site---	center radiation: 445 m AAT					center radiation: 61 m AAT				
Lat 28-44-21	Latitude: 28-36-08					Latitude: 28-44-21				
Lon 80-53-01	Longitude: 81-05-37					Longitude: 80-53-01				

Bear. (deg)	Dist (km)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)	U/D (dB)	Bear. (deg)	Dist (km)	Haat (m)	ERP (kW)	F.S. (dBu)
135.0	5.0	63.9	26.7	452	100	86.5	-4.9	135.0	4.96	61.3	2.00	81.6
136.0	5.0	63.9	26.7	452	100	86.5	-4.9	136.0	4.95	61.3	2.00	81.6
137.0	4.9	63.9	26.6	452	100	86.6	-4.9	137.0	4.93	61.3	2.00	81.7
138.0	4.9	64.0	26.5	452	100	86.6	-4.9	138.0	4.91	61.3	2.00	81.8
139.0	4.9	64.0	26.4	452	100	86.7	-4.9	139.0	4.90	61.3	2.00	81.8
140.0	4.9	64.0	26.3	452	100	86.8	-4.9	140.0	4.88	61.3	2.00	81.9
141.0	4.9	64.0	26.2	452	100	86.8	-4.9	141.0	4.87	61.3	2.00	81.9
142.0	4.9	64.0	26.1	452	100	86.9	-4.9	142.0	4.85	61.2	2.00	82.0
143.0	4.8	64.0	26.0	452	100	86.9	-4.9	143.0	4.83	61.2	2.00	82.0
144.0	4.8	64.0	26.0	452	100	87.0	-4.9	144.0	4.82	61.2	2.00	82.1
145.0	4.8	64.0	25.9	452	100	87.0	-4.9	145.0	4.80	61.2	2.00	82.1
146.0	4.8	64.0	25.8	452	100	87.1	-4.9	146.0	4.79	61.2	2.00	82.2
147.0	4.8	64.0	25.7	452	100	87.2	-4.9	147.0	4.78	61.2	2.00	82.2
148.0	4.8	64.0	25.6	452	100	87.2	-4.9	148.0	4.76	61.2	2.00	82.3
149.0	4.7	64.0	25.5	452	100	87.3	-4.9	149.0	4.75	61.2	2.00	82.3
150.0	4.7	63.9	25.5	452	100	87.3	-4.9	150.0	4.73	61.2	2.00	82.4
151.0	4.7	63.9	25.4	452	100	87.4	-4.9	151.0	4.71	61.2	2.00	82.5
152.0	4.7	63.9	25.3	452	100	87.5	-4.9	152.0	4.70	61.2	2.00	82.5
153.0	4.7	63.9	25.2	452	100	87.5	-4.9	153.0	4.68	61.2	2.00	82.6
154.0	4.7	63.8	25.1	452	100	87.6	-4.9	154.0	4.67	61.2	2.00	82.6
155.0	4.6	63.8	25.0	452	100	87.6	-4.9	155.0	4.65	61.2	2.00	82.7
156.0	4.6	63.8	25.0	452	100	87.7	-4.9	156.0	4.63	61.2	2.00	82.7
157.0	4.6	63.7	24.9	452	100	87.7	-4.9	157.0	4.62	61.2	2.00	82.8
158.0	4.6	63.7	24.8	452	100	87.8	-4.9	158.0	4.60	61.2	2.00	82.9
159.0	4.6	63.6	24.7	452	100	87.9	-5.0	159.0	4.59	61.1	2.00	82.9
160.0	4.6	63.6	24.6	452	100	87.9	-5.0	160.0	4.57	61.1	2.00	83.0
161.0	4.6	63.5	24.6	452	100	88.0	-5.0	161.0	4.56	61.1	2.00	83.0
162.0	4.5	63.4	24.5	452	100	88.0	-5.0	162.0	4.54	61.1	2.00	83.1
163.0	4.5	63.4	24.4	452	100	88.1	-5.0	163.0	4.53	61.1	2.00	83.1
164.0	4.5	63.3	24.3	452	100	88.1	-5.0	164.0	4.51	61.1	2.00	83.2
165.0	4.5	63.2	24.3	452	100	88.2	-5.0	165.0	4.50	61.1	2.00	83.2
166.0	4.5	63.2	24.2	452	100	88.3	-5.0	166.0	4.49	61.1	2.00	83.2
167.0	4.5	63.1	24.1	452	100	88.3	-5.0	167.0	4.47	61.1	2.00	83.3
168.0	4.5	63.0	24.0	452	100	88.4	-5.0	168.0	4.46	61.1	2.00	83.4
169.0	4.4	62.9	24.0	452	100	88.4	-5.0	169.0	4.44	61.1	2.00	83.4
170.0	4.4	62.9	23.9	452	100	88.5	-5.0	170.0	4.43	61.1	2.00	83.5
171.0	4.4	62.8	23.8	452	100	88.5	-5.0	171.0	4.42	61.1	2.00	83.5
172.0	4.4	62.7	23.8	452	100	88.6	-5.0	172.0	4.40	61.1	2.00	83.6
173.0	4.4	62.6	23.7	452	100	88.6	-5.0	173.0	4.39	61.1	2.00	83.6
174.0	4.4	62.5	23.6	452	100	88.7	-5.0	174.0	4.38	61.1	2.00	83.7
175.0	4.4	62.4	23.6	452	100	88.7	-5.0	175.0	4.38	61.0	2.00	83.7
176.0	4.4	62.3	23.5	452	100	88.8	-5.0	176.0	4.36	61.0	2.00	83.8
177.0	4.3	62.2	23.4	452	100	88.8	-5.0	177.0	4.35	61.0	2.00	83.8
178.0	4.3	62.1	23.4	452	100	88.9	-5.0	178.0	4.34	61.0	2.00	83.8
179.0	4.3	62.0	23.3	452	100	88.9	-5.0	179.0	4.33	61.0	2.00	83.9